

Fig. 1

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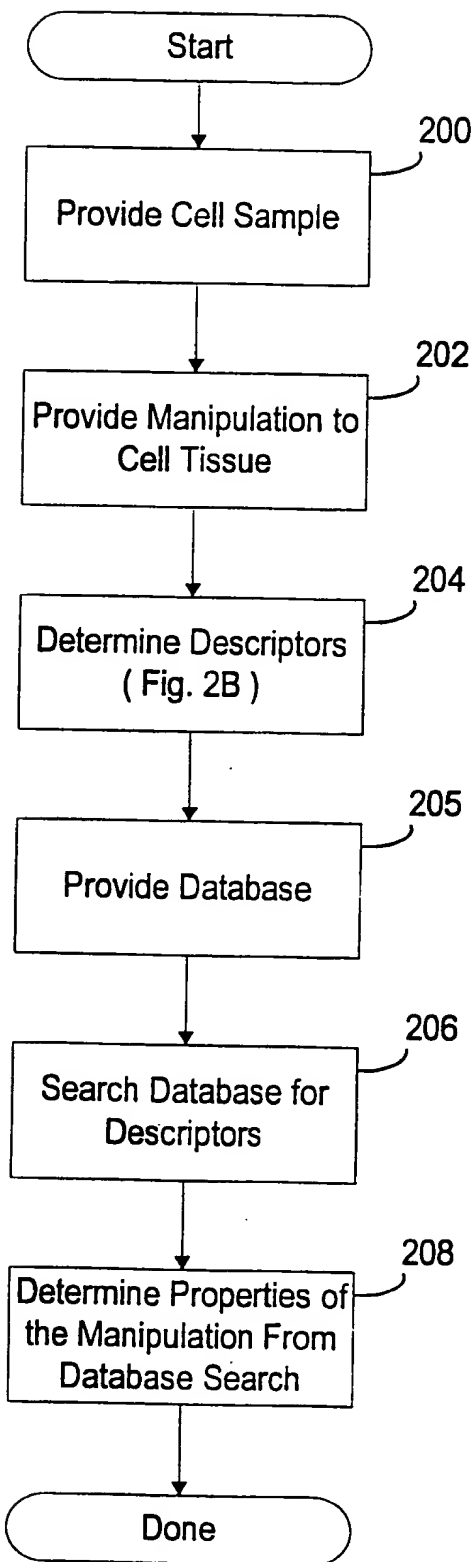


Fig. 2A

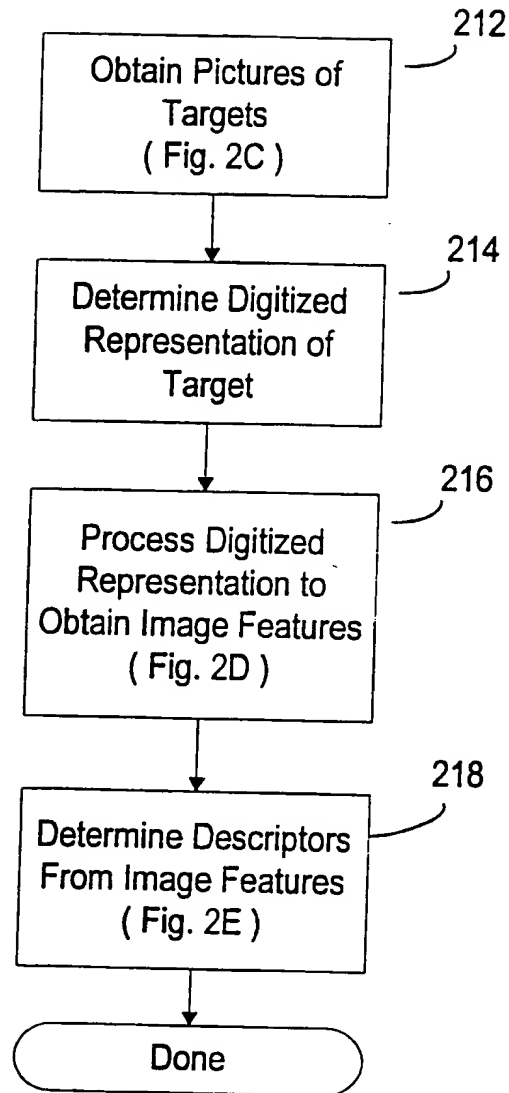


Fig. 2B
Step 204 of Fig. 2A

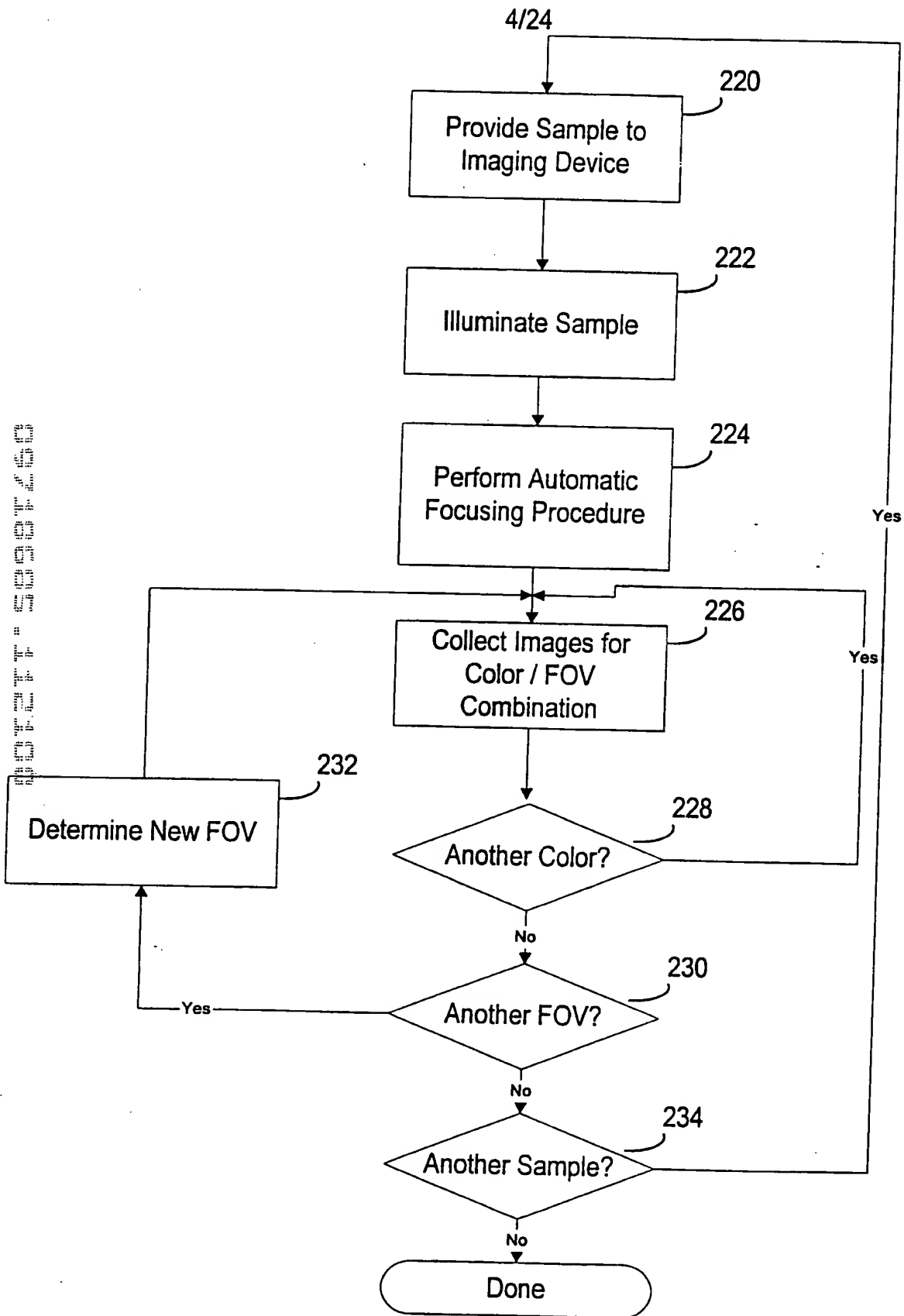


Fig. 2C
Step 214 of Fig. 2B

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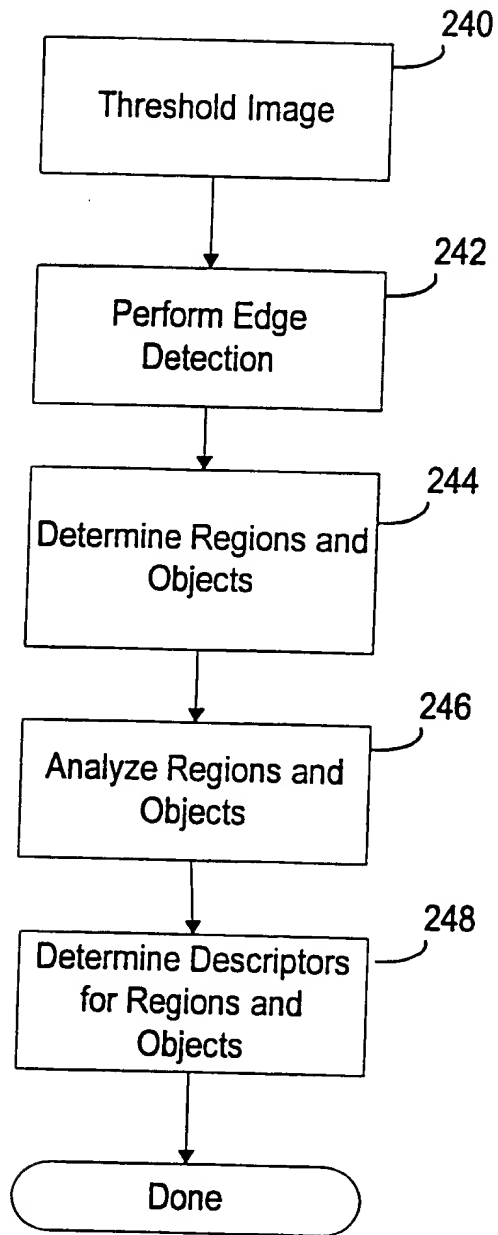


Fig. 2D
Step 216 of Fig. 2B

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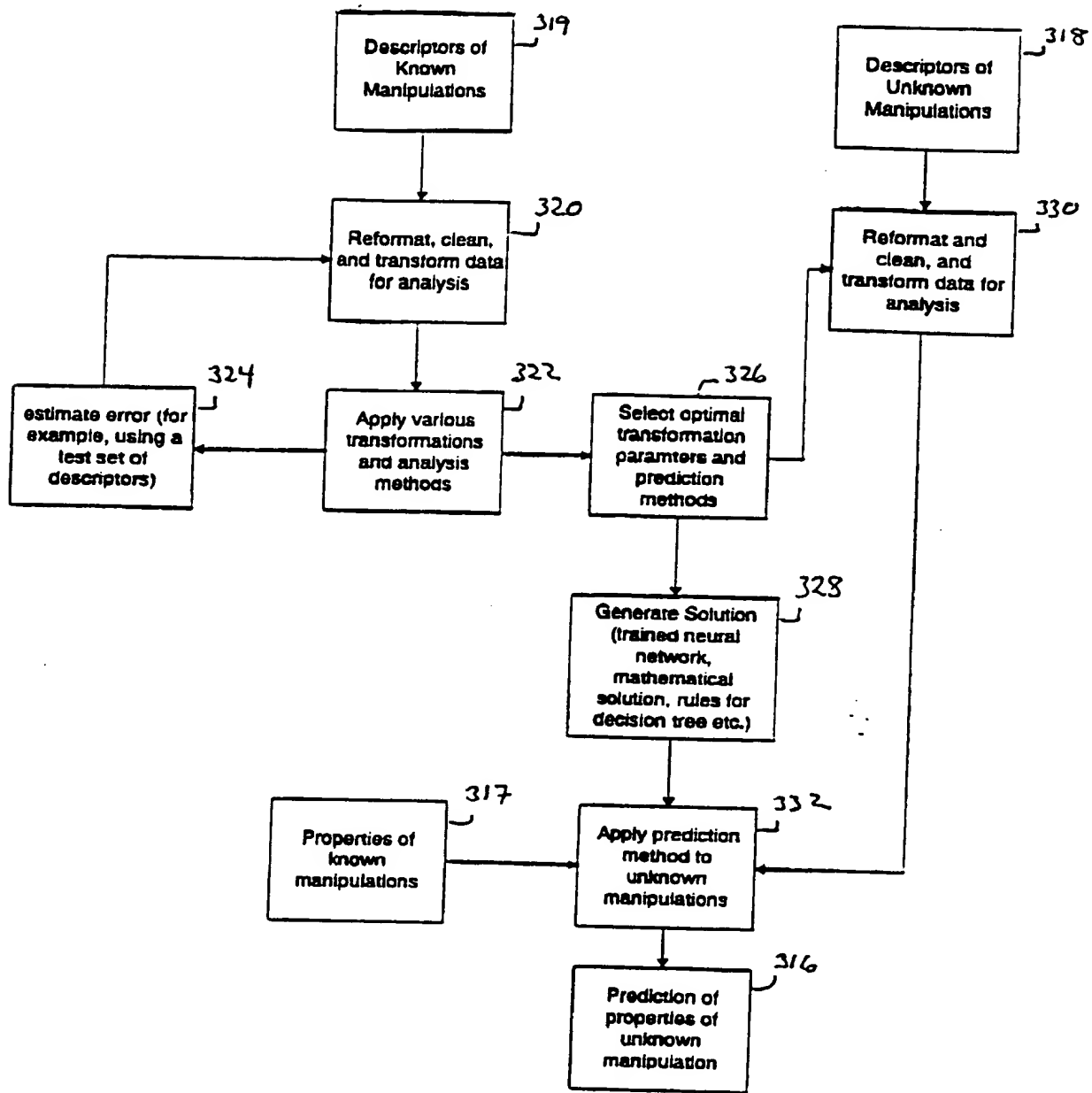


FIG 2E

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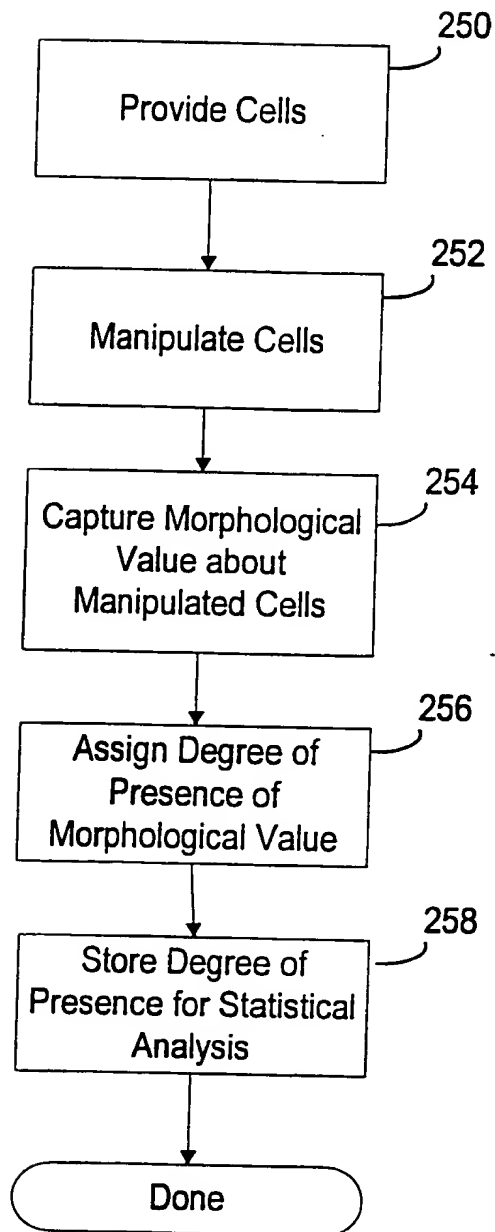


Fig. 2F

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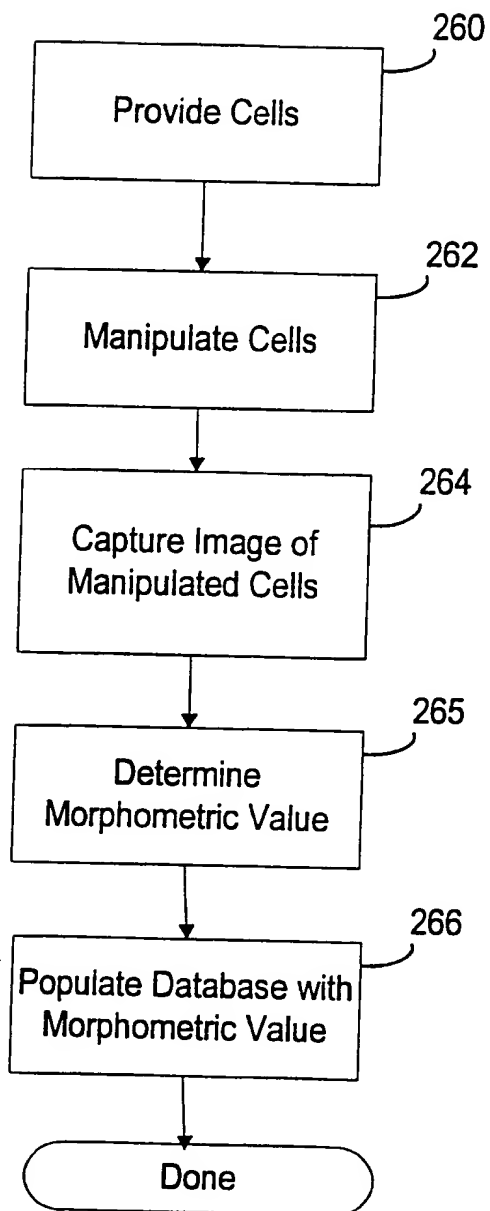


Fig. 2G

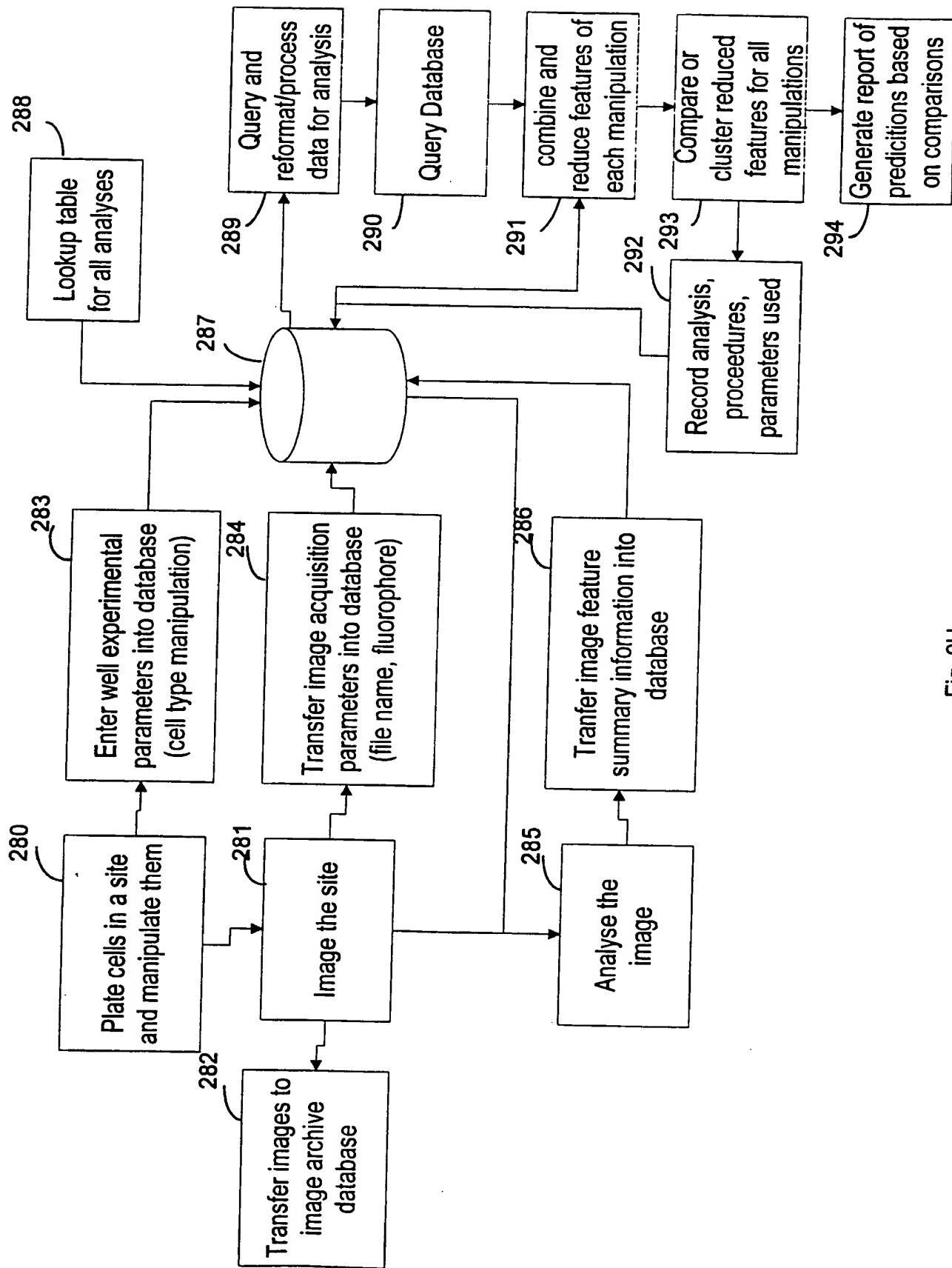


Fig. 2H

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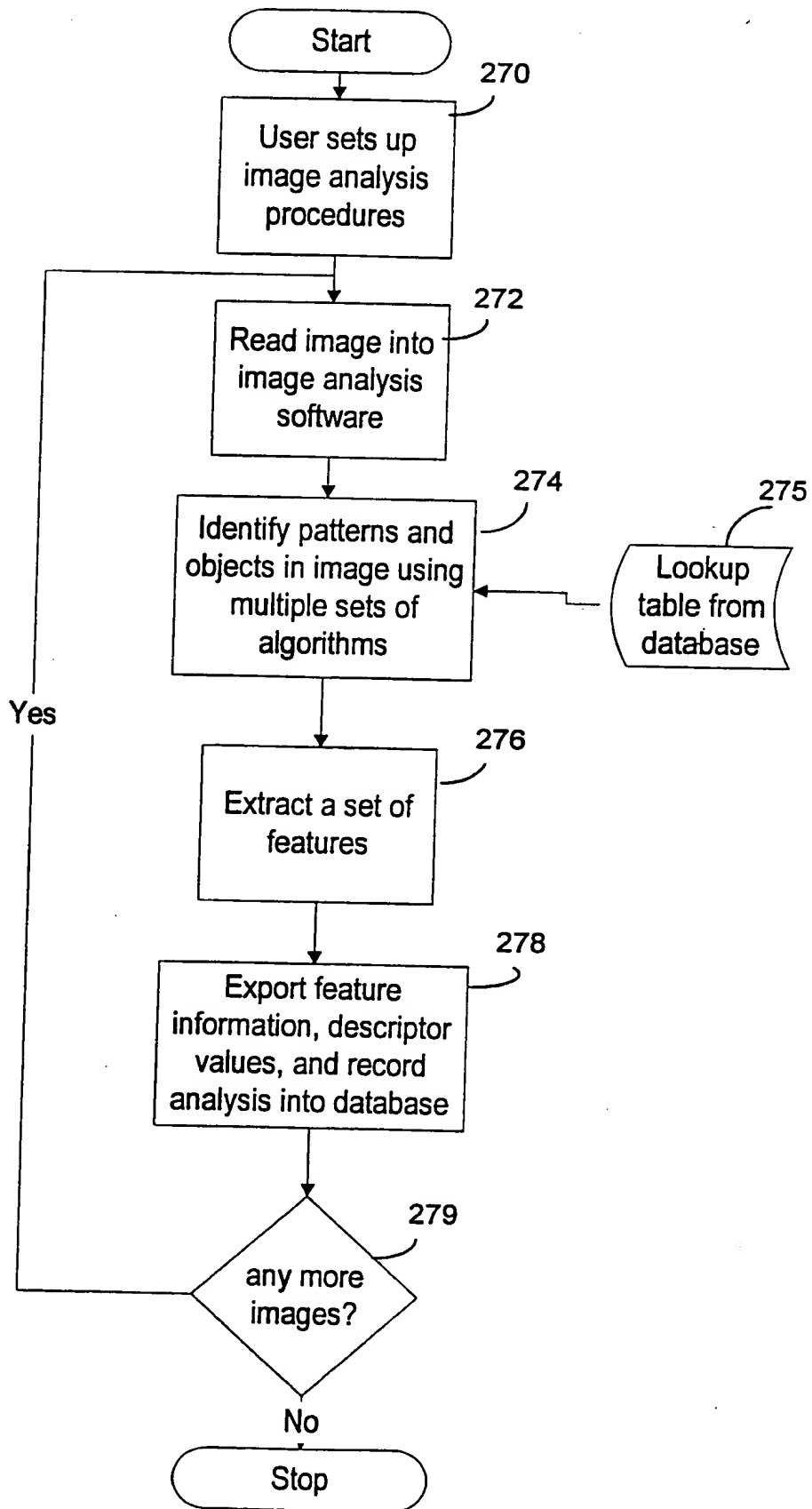


Fig. 2I

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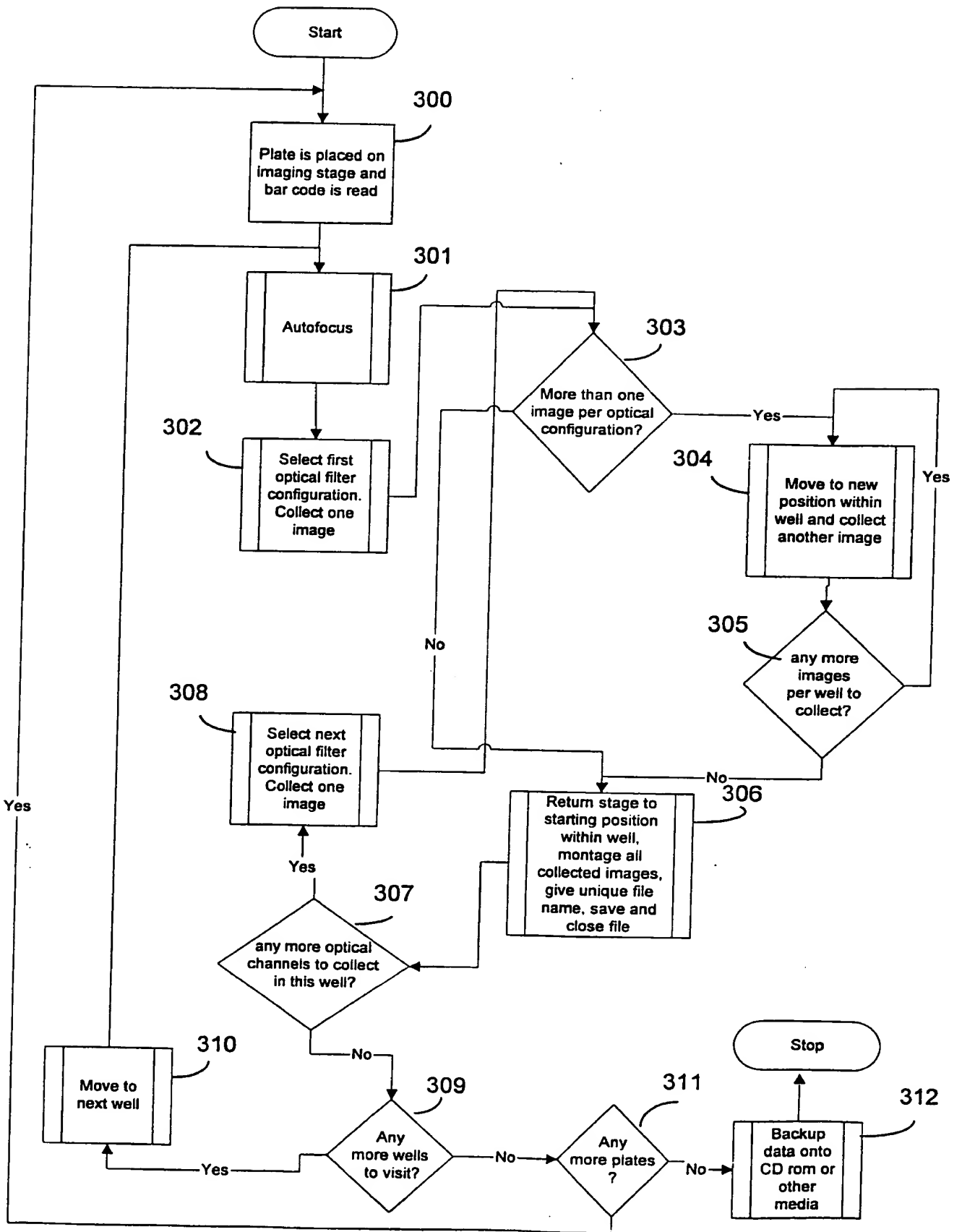


Fig. 2J

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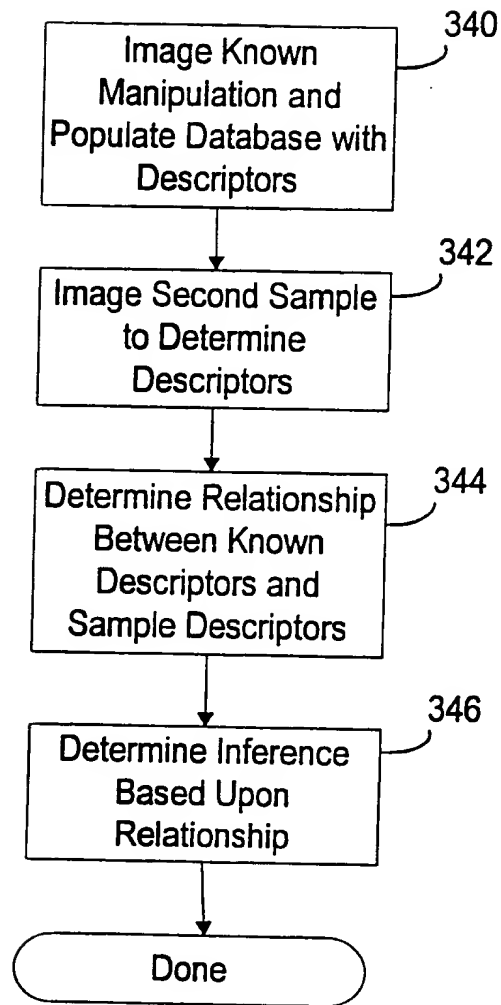


Fig. 2K

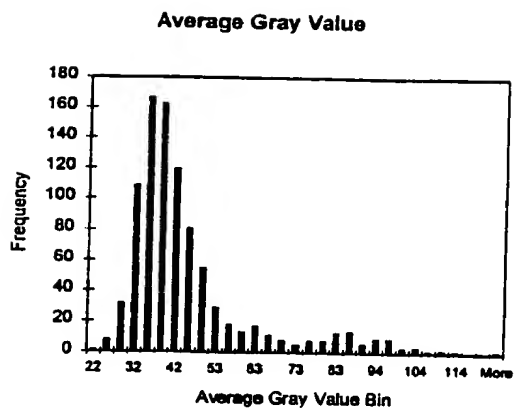


Fig. 3A

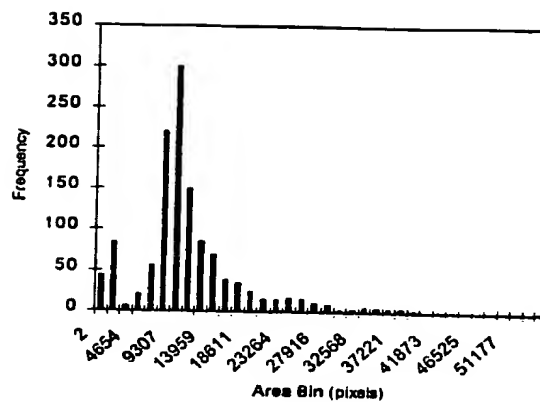


Fig. 3B

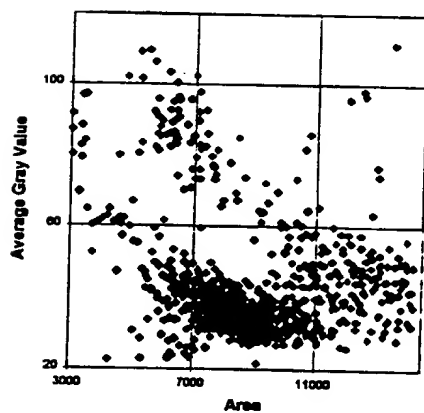


Fig. 3C

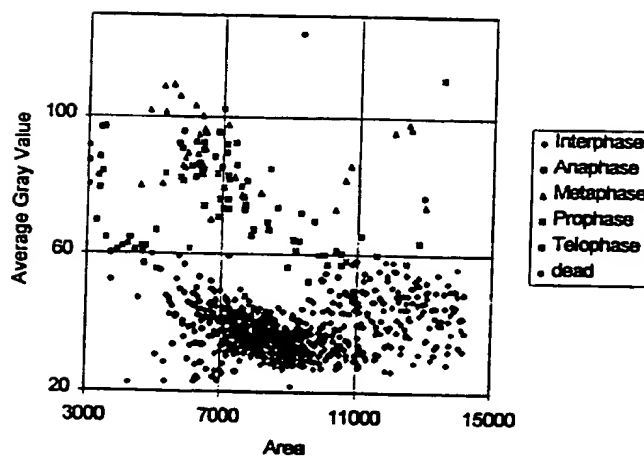


Fig. 3D

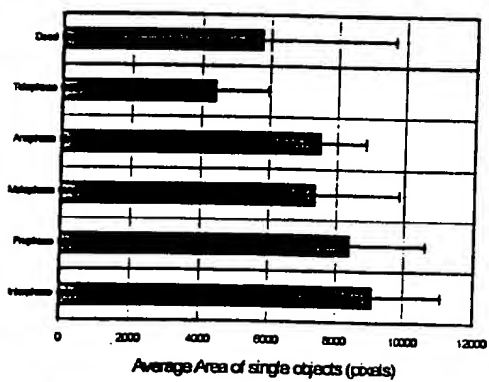


Fig. 3E

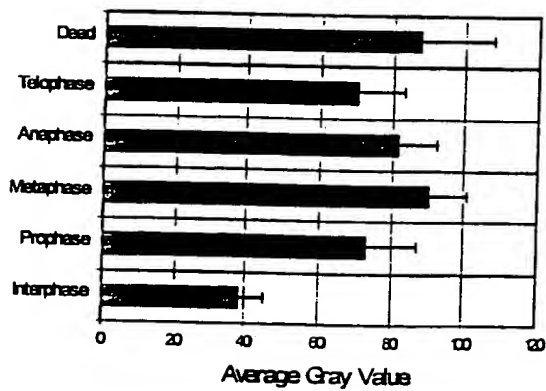
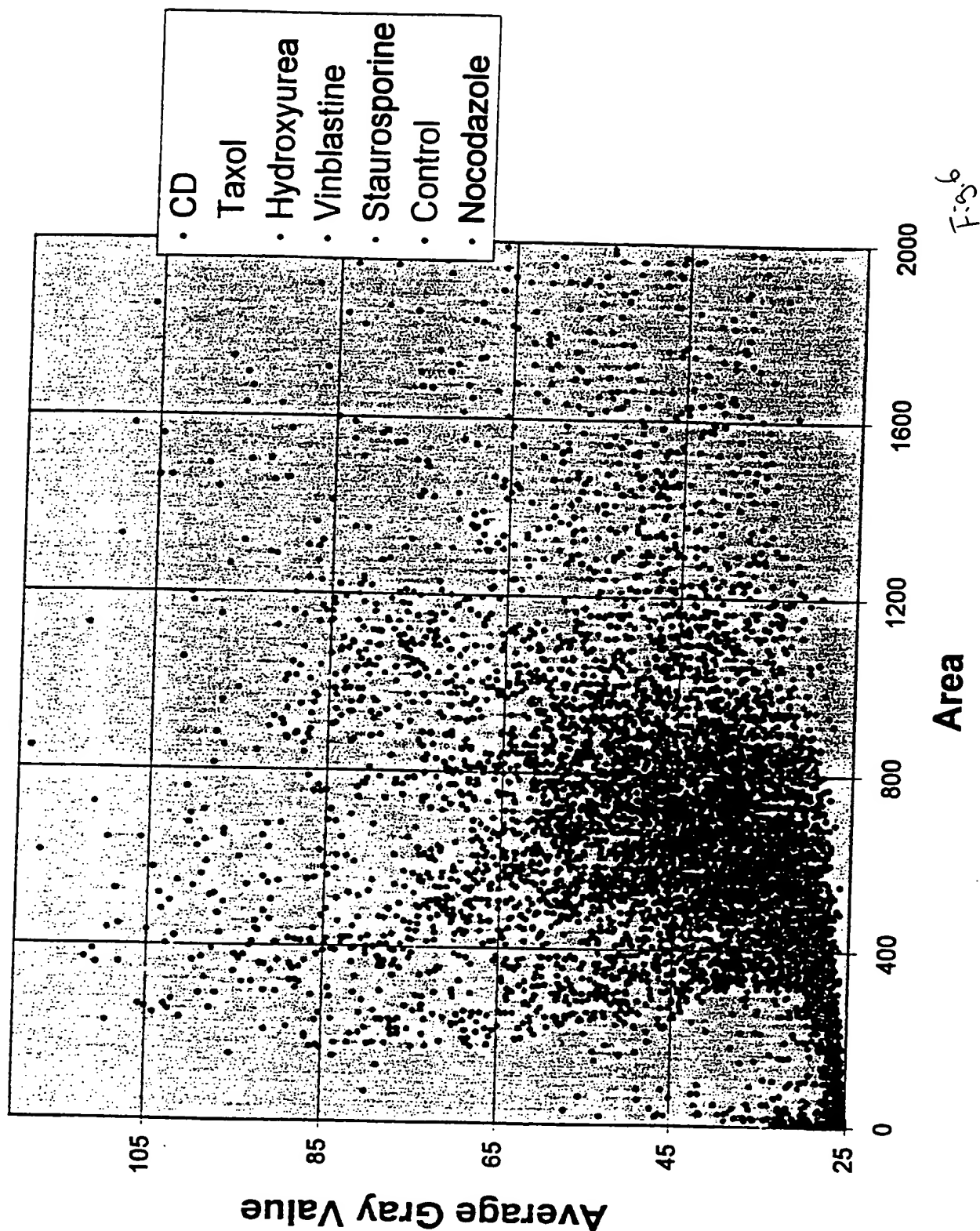


Fig. 3F

[illegible]

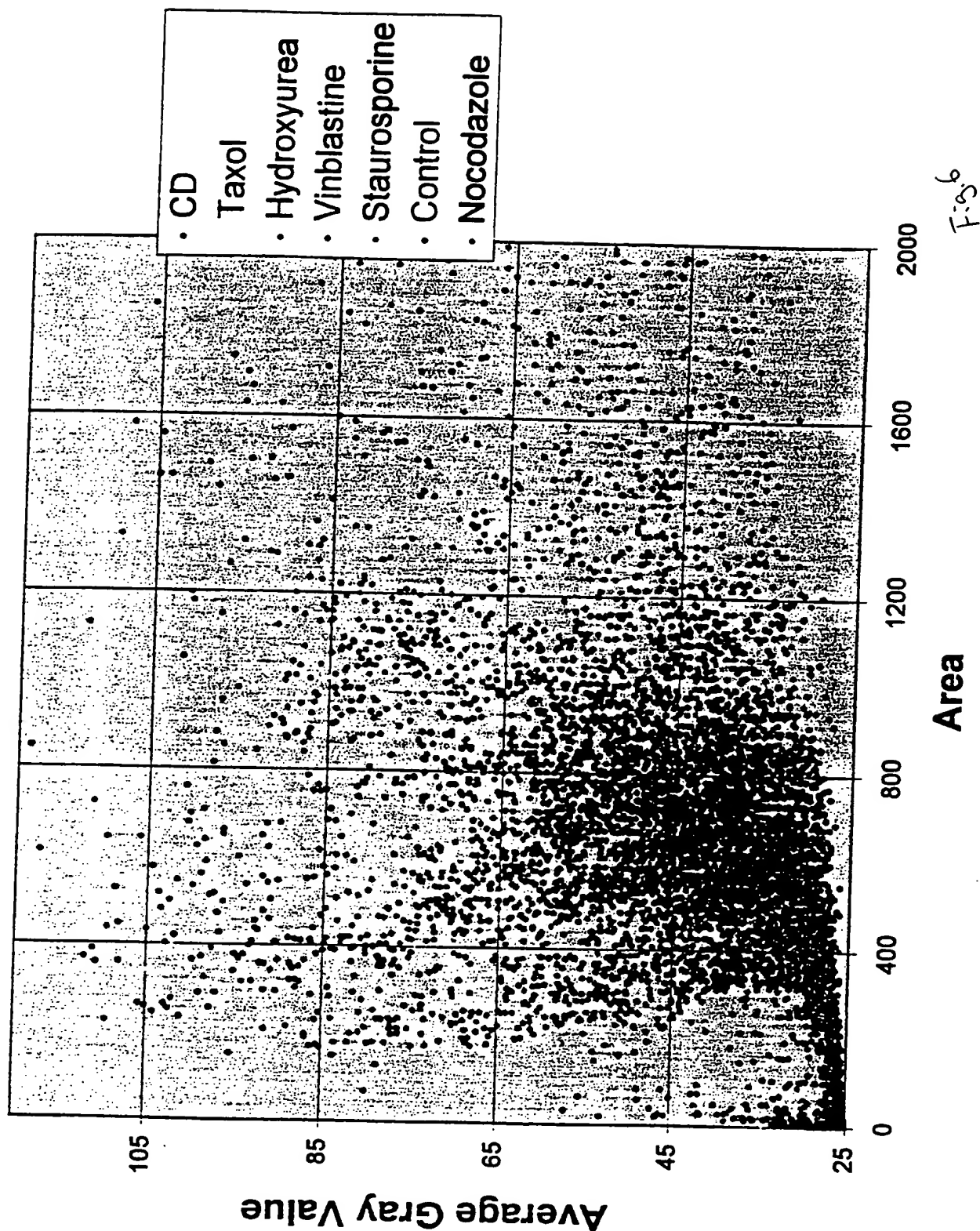
Scatter Plot



9.5.1

[illegible]

Scatter Plot



9.5.1

Normal

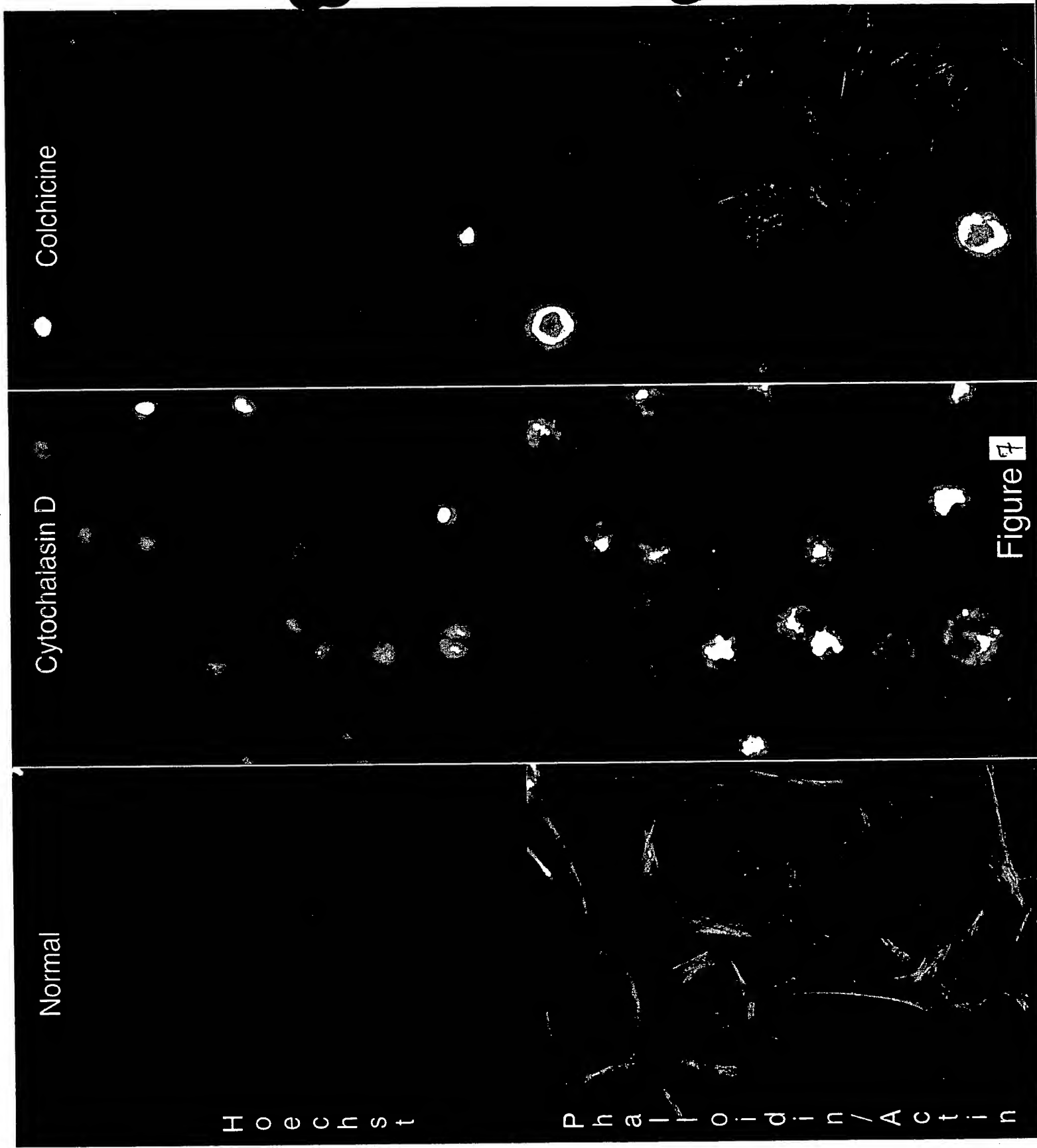
Hoechst

Phalloidin/Actin

Cytochalasin D

Colchicine

Figure 7



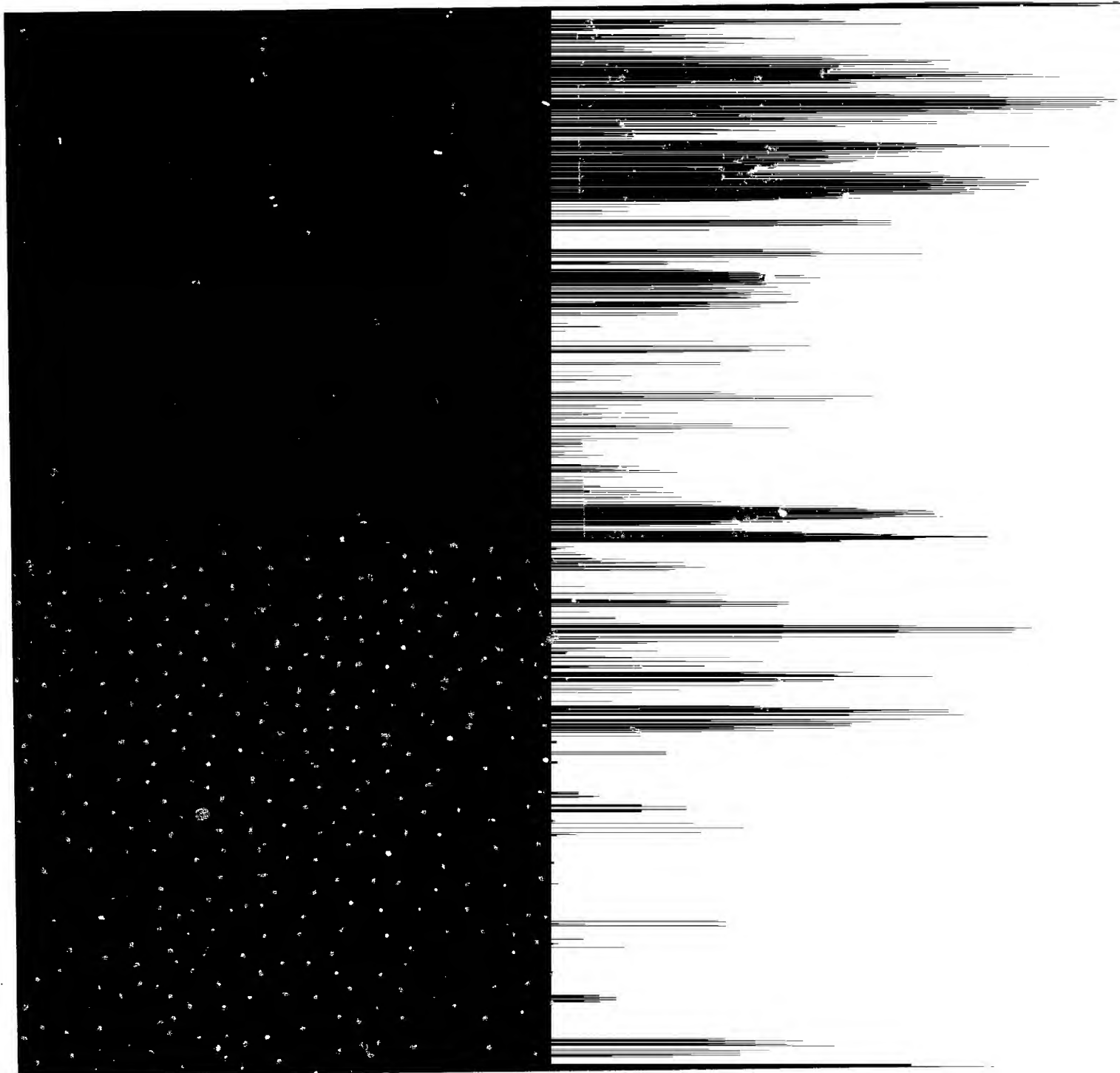


FIG. 8

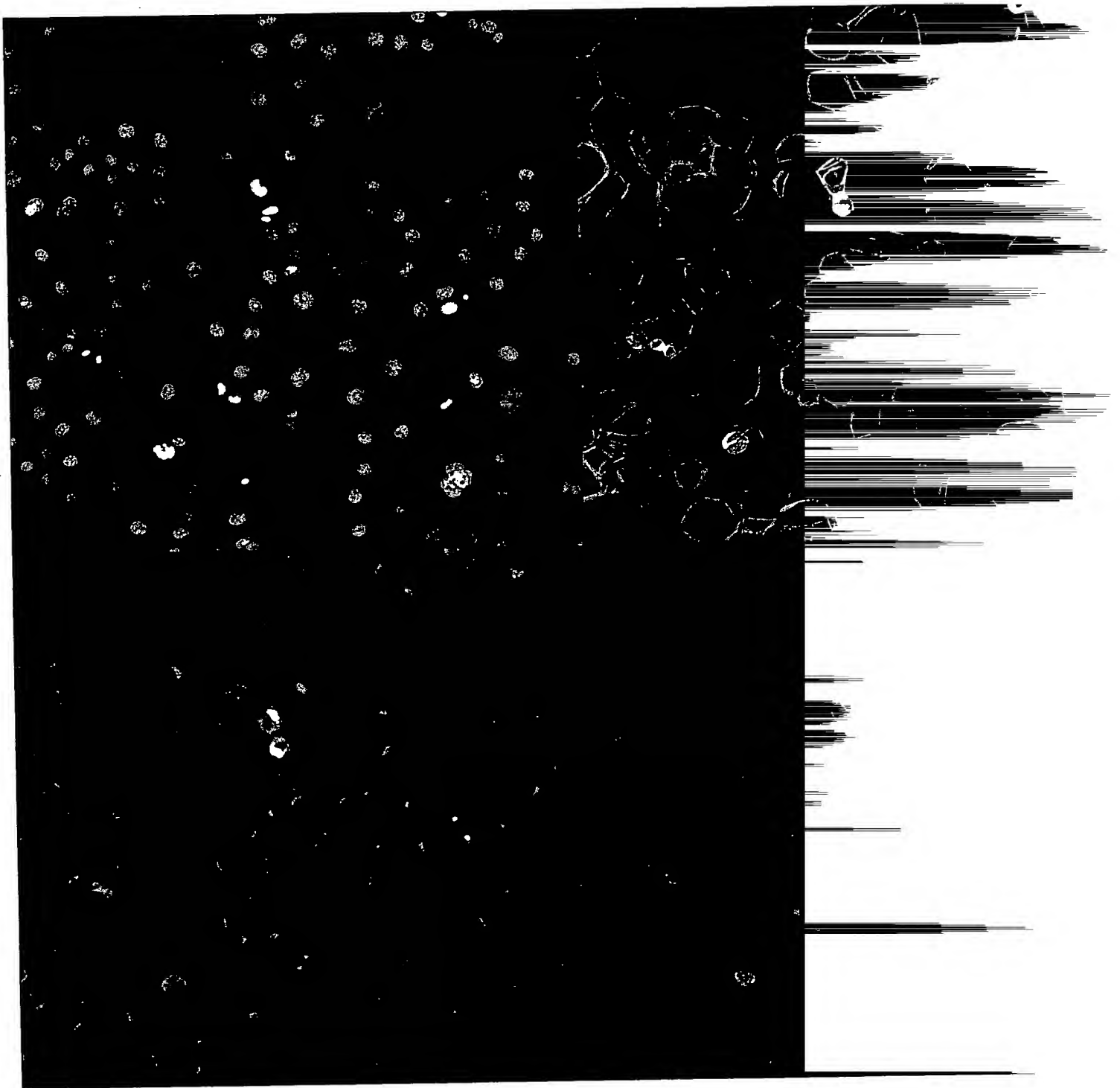


FIG. 9

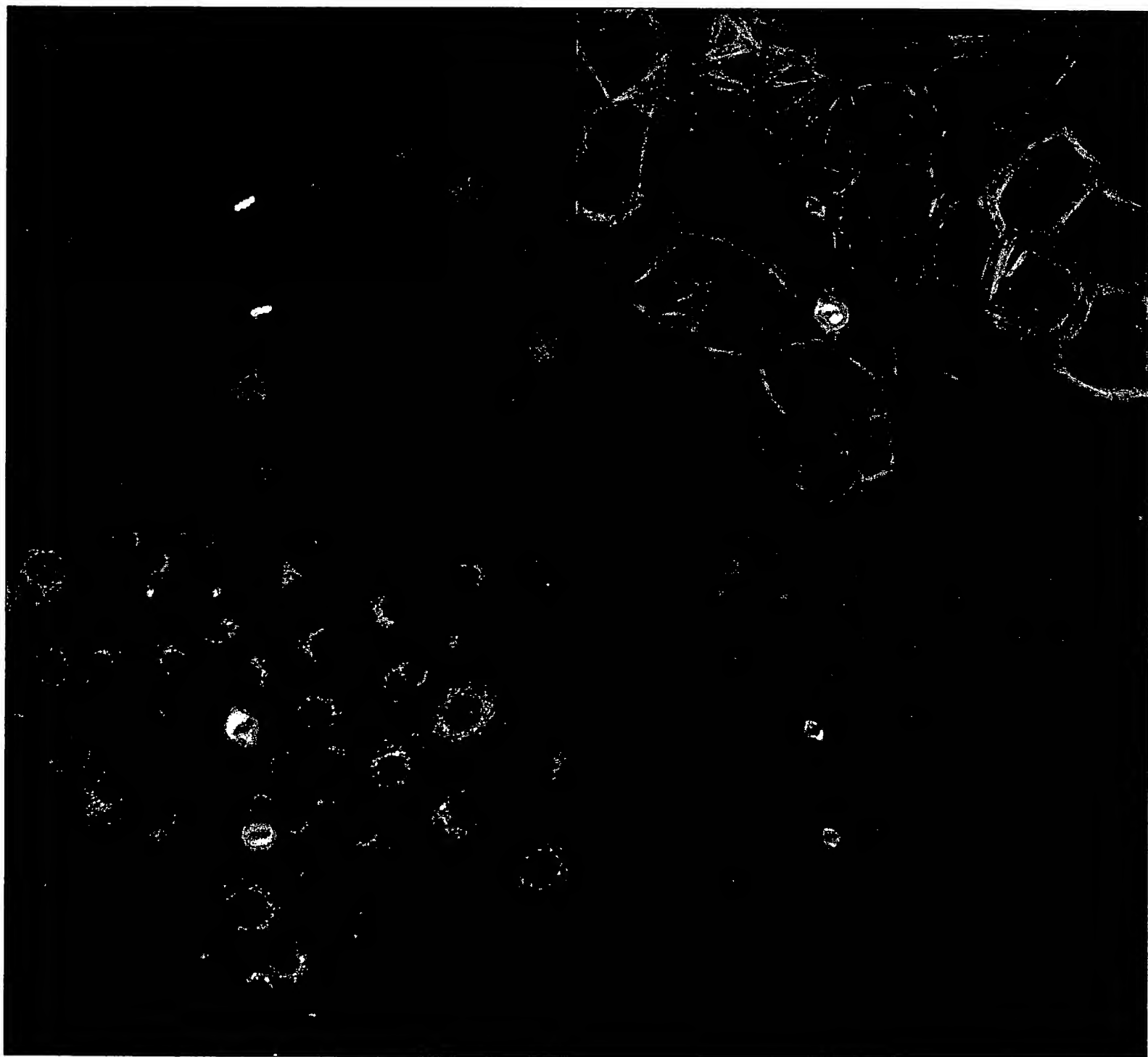


Fig. 10

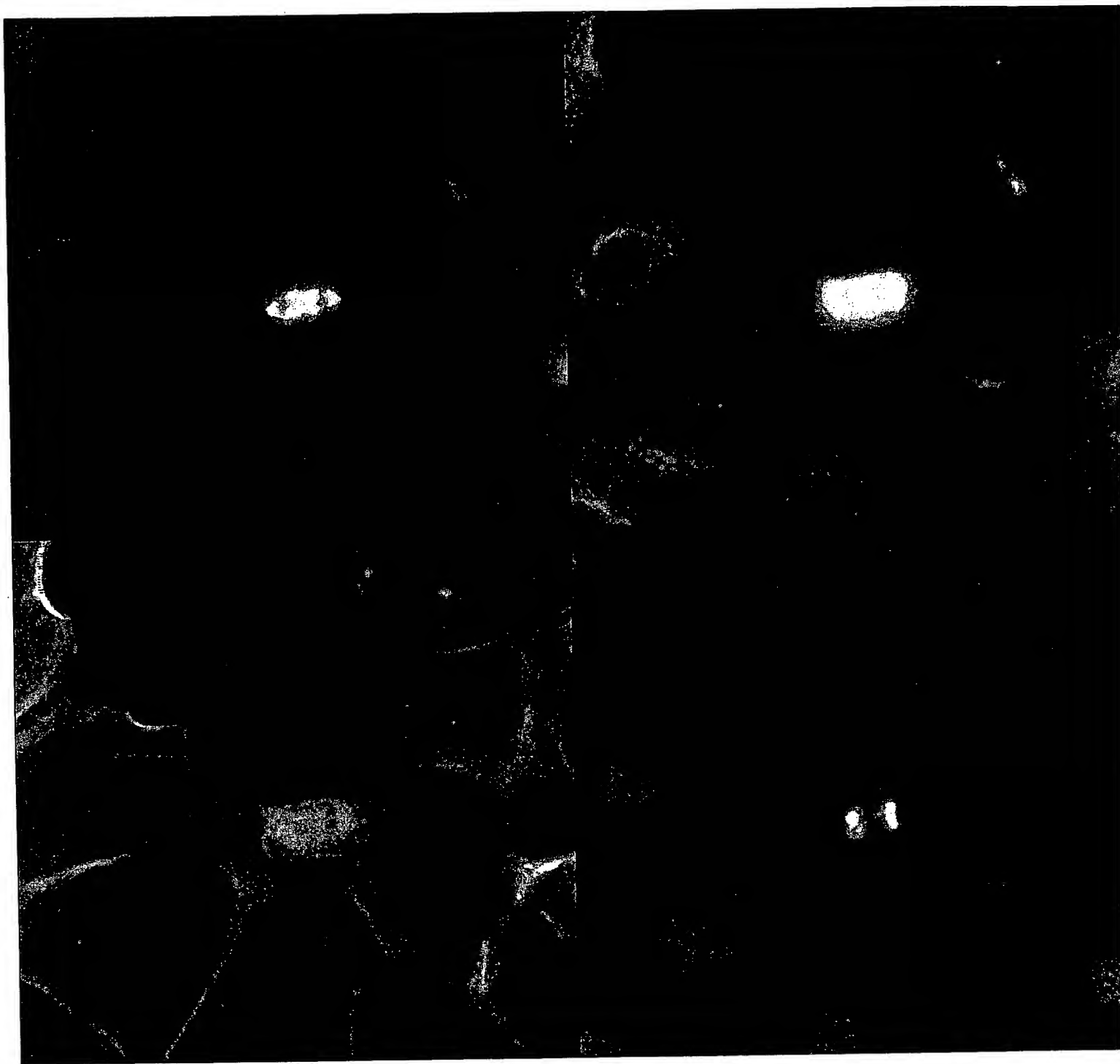


FIG. 11

[illegible]

Conversion of morphometric parameters into nucleic acid code
and clustering of the resulting sequences using Neighbor
Joining method.

Count: 5000

Compound:	Measurements																							
	Count	Area	Perimeter	Length	Breadth	Fiber length	Fiber breadth	Shape factor	Ell. form factor	Inner radius	Outer radius	Mean radius	Equiv. radius	Equiv. sphere vol.	Equiv. prolate vol.	Equiv. oblate vol.	Equiv. sphere surface area	Average gray value	Total gray value	Optical density	Radial dispersion	Texture Difference Moment	EFA Harmonic 2, Semi-Maj	EFA Harmonic 2, Semi-Min
Control	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	a	t	t
Taxol	a	t	t	t	t	t	t	t	a	t	t	t	t	t	t	t	t	t	t	t	t	a	t	t
CD	c	a	a	a	t	a	t	t	c	a	a	a	a	a	a	a	a	t	a	a	a	t	a	g
Nocodazol	c	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
Staurosporine	g	g	c	a	a	t	a	a	t	g	a	a	a	t	g	g	g	a	a	t	a	t	a	a
Vinblastine	c	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	g	t	t	t	t	t	t
Hydroxyurea	g	t	t	t	t	t	t	g	t	t	t	t	t	t	t	t	t	t	c	t	a	t	t	t

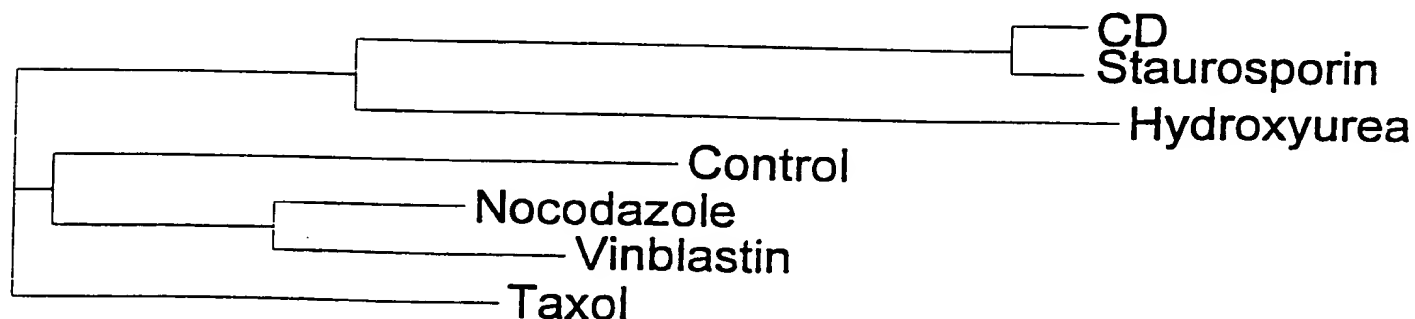


FIG 13

Conversion of morphometric parameters into amino acid codes
and clustering of the resulting sequences using Neighbor
Joining method.

	I	A	P	L	B	S	D	W	E	S	T	I	E	O	P	A	T	M	O	T	E	F	A	H	M	P	Y
Control	I	A	P	L	B	S	D	W	E	S	T	I	E	O	P	A	T	M	O	T	E	F	A	H	M	P	Y
Taxol	G	F	M	M	P	M	P	H	G	S	M	M	W	C	F	P	F	R	C	M	M	H	M	P	S		
CD	F	G	G	G	M	G	M	K	A	G	G	G	G	G	G	G	H	G	G	G	M	G	V	H			
Nocodazol	W	F	M	M	W	M	P	T	R	S	M	M	M	F	M	W	F	M	M	R	M	M	M	F	G		
Staurosporine	N	V	A	G	G	M	G	G	Y	V	G	G	G	M	V	V	V	G	G	H	G	M	G	G	V		
Vinblastine	F	W	W	M	W	W	C	W	D	S	M	W	W	M	M	M	W	V	E	M	M	M	F	P			
Hydroxyurea	S	H	H	H	H	H	H	V	H	H	H	H	H	H	H	H	H	H	A	H	G	H	H	D			

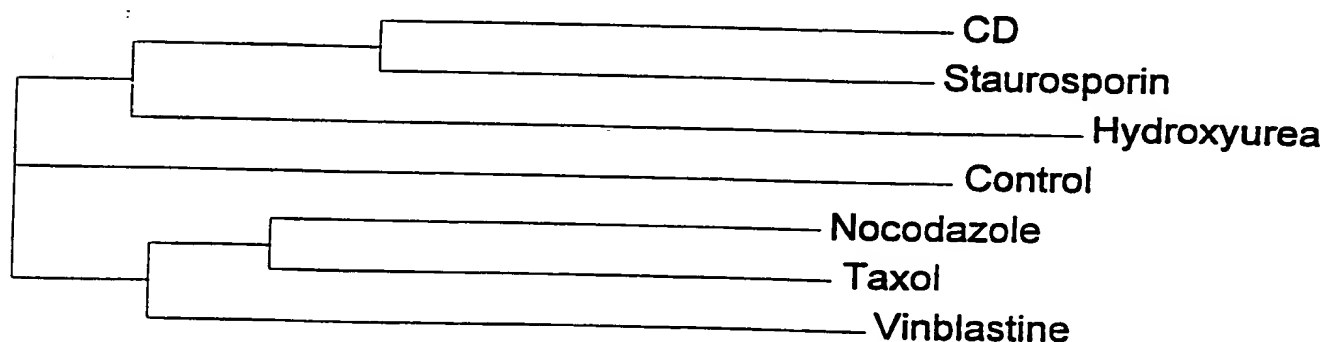


FIG 14